

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062155.D
 Acq On : 26 Mar 2019 19:35
 Operator : VA/AP
 Sample : K2086-03
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-13

Quant Time: Mar 27 05:18:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	6781	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	7625	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	4042	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	1128	50.00	ug/l	-0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	619	12.27	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	24.54%	
35) Dibromofluoromethane	4.10	113	1449	28.09	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	56.18%	
50) Toluene-d8	7.54	98	5354	34.77	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	69.54%	
62) 4-Bromofluorobenzene	11.41	95	856	14.40	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	28.80%	

Target Compounds

						Qvalue
3) Chloromethane	1.04	50	175	1.925	ug/l #	42
5) Bromomethane	1.33	94	761	12.591	ug/l #	5
6) Chloroethane	1.35	64	69	1.630	ug/l #	44
8) Diethyl Ether	1.54	74	73	3.147	ug/l #	23
12) 1,1-Dichloroethene	1.75	96	152	2.325	ug/l #	1
13) Acrolein	1.87	56	601	180.094	ug/l	94
14) Allyl chloride	2.13	41	454	6.506	ug/l #	21
15) Acrylonitrile	2.96	53	164	16.805	ug/l #	15
16) Acetone	2.24	43	217	20.442	ug/l #	49
18) Methyl Acetate	2.32	43	450	17.771	ug/l #	56
19) Methyl tert-butyl Ether	2.42	73	145	1.404	ug/l #	58
20) Methylene Chloride	2.19	84	92	Below Cal	#	6
22) Diisopropyl ether	2.83	45	536	2.929	ug/l #	49
23) Vinyl Acetate	3.18	43	211	2.817	ug/l #	76
25) 2-Butanone	4.30	43	193	8.709	ug/l #	55
26) 2,2-Dichloropropane	3.60	77	73	1.641	ug/l #	56
29) Tetrahydrofuran	4.03	42	65	6.746	ug/l #	33
37) Ethyl Acetate	4.11	43	150	4.726	ug/l #	24
41) Methacrylonitrile	4.81	41	79	4.704	ug/l #	24
43) Isopropyl Acetate	6.92	43	227	5.905	ug/l #	42
45) 1,2-Dichloropropane	6.27	63	78	1.680	ug/l #	44
47) Bromodichloromethane	6.24	83	99	1.574	ug/l #	26
48) Methyl methacrylate	6.71	41	80	3.655	ug/l #	14
51) 4-Methyl-2-Pentanone	8.35	43	164	6.374	ug/l #	33
59) 2-Hexanone	9.49	43	62	3.288	ug/l #	22
74) N-amyl acetate	11.45	43	207	10.945	ug/l #	43

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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